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AMENDMENTS

In the Claims:

        1.   (Currently Amended)   A method for conforming
a design with existing design requirements, the method
comprising the steps of:

        inserting limits into an input file of relevant
design parameters;

        inputting the input file into a calculation
means [an analysis algorithm];

        applying the [analysis algorithm to perform
calculations] calculation means to generate an [analyses]
output;

        comparing the [analyses] output to the limits to
generate a design output; and

        issuing an alert indicative of whether the
comparison identifies an exceedance of the limits.

        2.   (Original)   A method as claimed in claim 1
wherein the limits comprise specified quantifiable limits.

        3.   (Original)   A method as claimed in claim 1
wherein the step of inserting limits comprises the step of
using a web-based tool to electronically read the limits.

        4.   (Currently Amended)   A method as claimed in
claim 1 wherein the step of comparing comprises the step of
creating a sub-routine to automatically compare the
[analyses] output with the limits.

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5.   (Currently Amended) A method as claimed in
claim 4 wherein the [analyses] output comprises engineering
calculations relevant to the design.

6.   (Currently Amended) A method as claimed in
claim 5 wherein the step of applying the [analysis
algorithm] output comprises the step of applying [an]
exceedance detection [algorithm].

7.   (Currently Amended) A method as claimed in
claim 6 wherein the exceedance detection [algorithm]
indicates if an exceedance of a computer model engineering
calculation is greater than the limits.

8.   (Original) A method as claimed in claim 1
wherein the step of issuing an alert comprises the step of
issuing an alert message to a user.

9.   (Original) A method as claimed in claim 1
further comprising the step of outputting engineering
specifications and performance results of the design.

10.   (Currently Amended) A system for
conforming a design with existing design requirements, the
system comprising:
    an input file containing at least predetermined
design practice limits;
    a comparison means [an analysis algorithm] for
comparing the input file with design criteria to generate an
output;
    an exceedance comparison [algorithm] for

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comparing the output to the predetermined design practice
limits; and

an alert indicator for indicating whether the
exceedance [algorithm] comparison identifies an exceedance
of the predetermined design practice limits.

11. (Original) A system as claimed in claim 10
wherein the predetermined design practice limits comprise
specified quantifiable limits.

12. (Original) A system as claimed in claim 10
wherein the predetermined design practice limits are
electronically readable.

13. (Original) A system as claimed in claim 12
further comprising a web-based tool to electronically read
the predetermined design practice limits.

14. (Currently Amended) A system as claimed in
claim 10 wherein the exceedance [algorithm] comparison
comprises a sub-routine to automatically compare the output
with the predetermined design practice limits.

15. (Original) A system as claimed in claim 14
wherein the output comprises engineering calculations
relevant to the design.

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16. (Currently Amended) A system as claimed in
claim 10 wherein the exceedance [detection algorithm]
comparison indicates when an exceedance of a computer model
engineering calculation is greater than the predetermined
design practice limits.

17. (Original) A system as claimed in claim 10
wherein the alert indicator comprises an alert message
issued to a user.

18. (Original) A system as claimed in claim 10
further comprising engineering specifications and
performance results of the design.